Barbara Albert

List of Publications by Year
in descending order

133	2,957	172386	206029
papers	citations	29 h-index	48 g-index

172	172	172	3156
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activity, Selectivity and Initial Degradation of Iron Molybdate in the Oxidative Dehydrogenation of Ethanol. ChemCatChem, 2022, 14, .	1.8	6
2	Oxygenâ€Functionalized Boron Nitride for the Oxidative Dehydrogenation of Propane â€“ The Case for Supported Liquid Phase Catalysis. ChemCatChem, 2022, 14, .	1.8	7
3	From MAX Phase Carbides to Nitrides: Synthesis of V₂GaC, V₂GaN, and the Carbonitride V₂GaC_{1â€“x}N_x. Inorganic Chemistry, 2022, 61, 10634-10641.	1.9	11
4	Effect of pyrolysis temperature on the microstructure and thermal conductivity of polymer-derived monolithic and porous SiC ceramics. Journal of the European Ceramic Society, 2021, 41, 1151-1162.	2.8	36
5	Active Site Identification in FeNC Catalysts and Their Assignment to the Oxygen Reduction Reaction Pathway by In Situ⁵⁷Fe MÃ¶ssbauer Spectroscopy. Advanced Energy and Sustainability Research, 2021, 2, 2000064.	2.8	40
6	Efficient Oxygen Evolution Electrocatalyst by Incorporation of Nickel into Nanoscale Dicobalt Boride. ChemCatChem, 2021, 13, 1772-1780.	1.8	8
7	Application of Nonâ€Precious Bifunctional Catalysts for Metalâ€Air Batteries. Energy Technology, 2021, 9, 2001106.	1.8	10
8	Molecular dynamics simulation of crystal structure and heat capacity in perovskite-type molybdates SrMoO3 and BaMoO3. Computational Materials Science, 2021, 197, 110609.	1.4	3
9	Metallic Iron Nanocatalysts for the Selective Acetylene Hydrogenation under Industrial Front-End Conditions. ACS Sustainable Chemistry and Engineering, 2021, 9, 16570-16576.	3.2	9
10	Processing and thermal characterization of polymer derived SiCN(O) and SiOC reticulated foams. Ceramics International, 2020, 46, 5594-5601.	2.3	27
11	Ordered langasites La3Ga5MO14:Eu3+ (M = Zr, Hf, Sn) as red-emitting LED phosphors. Journal of Luminescence, 2020, 218, 116833.	1.5	14
12	Low-temperature synthesis of nanoscale ferromagnetic Î±â€²-MnB. Dalton Transactions, 2020, 49, 131-135.	1.6	9
13	Investigation of the acrolein oxidation on heteropolyacid catalysts by transient response methods. Catalysis Science and Technology, 2020, 10, 5231-5244.	2.1	2
14	Multiple scattering reduction in instantaneous gas phase phosphor thermometry: applications with dispersed seeding. Measurement Science and Technology, 2019, 30, 054003.	1.4	12
15	Magnetic and Electrocatalytic Properties of Nanoscale Cobalt Boride, Co₃B. Inorganic Chemistry, 2019, 58, 16609-16617.	1.9	19
16	Thermodynamic Ground States of Multifunctional Metal Dodecaborides. Chemistry of Materials, 2019, 31, 1075-1083.	3.2	15
17	Synthesis and Characterization of Liâ€containing Boron Carbide râ€Li_{~1}B₁₃C₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 362-369.	0.6	13
18	Wall heat fluxes and CO formation/oxidation during laminar and turbulent side-wall quenching of methane and DME flames. International Journal of Heat and Fluid Flow, 2018, 70, 181-192.	1.1	55

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19	Low-Temperature Synthesis and Magnetostructural Transition in Antiferromagnetic, Refractory Nanoparticles: Chromium Nitride, CrN. Chemistry of Materials, 2018, 30, 1610-1616.	3.2	15
20	Multiscale and luminescent, hollow microspheres for gas phase thermometry. Scientific Reports, 2018, 8, 602.	1.6	6
21	Disordered langasites La₃Ga₅MO₁₄â€‰:â€‰Eu³⁺ (M = Si, Ge) Tj ETQq1 1 0.7	1.6	16
22	Synthesis of a Highly Efficient Oxygenâ€Evolution Electrocatalyst by Incorporation of Iron into Nanoscale Cobalt Borides. ChemSusChem, 2018, 11, 3150-3156.	3.6	41
23	Thermal Properties of SiOC Glasses and Glass Ceramics at Elevated Temperatures. Materials, 2018, 11, 279.	1.3	66
24	Reversible adiabatic temperature change in the shape memory Heusler alloy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ni</mml:mi><mml:mrow><mml:mn>2.2</m : An effect of structural compatibility. Physical Review Materials, 2018, 2, .	3.1	16
25	Nanoscale Iron Nitride, Îµ-Fe₃N: Preparation from Liquid Ammonia and Magnetic Properties. Chemistry of Materials, 2017, 29, 621-628.	3.2	46
26	Heterogeneously Catalyzed Hydrogenation of Supercritical CO₂ to Methanol. Chemical Engineering and Technology, 2017, 40, 1907-1915.	0.9	6
27	Pro Akkreditierung: â€žSelbstreflexion anstoÃŸen und QualitÃtsentwicklung fÃ¶rdernâ€œ. Nachrichten Aus Der Chemie, 2017, 65, 670-670.	0.0	0
28	Metal-to-metal charge transfer emission, its mechanism and quenching in Y2Sn2O7:Ce3+. Journal of Alloys and Compounds, 2017, 723, 30-35.	2.8	1
29	Application of structured illumination to gas phase thermometry using thermographic phosphor particles: a study for averaged imaging. Experiments in Fluids, 2017, 58, 1.	1.1	12
30	Catalytic activity of nanoscale borides: Co2B and Ni7B3 in the liquid-phase hydrogenation of citral. Journal of Catalysis, 2017, 352, 436-441.	3.1	23
31	Electronic and magnetic ground state of MnB4. Journal of Alloys and Compounds, 2017, 695, 2149-2153.	2.8	6
32	Boratesâ€”Crystal Structures of Prospective Nonlinear Optical Materials: High Anisotropy of the Thermal Expansion Caused by Anharmonic Atomic Vibrations. Crystals, 2017, 7, 93.	1.0	40
33	In celebration of Tony Cheetham's birthday. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1330-1330.	0.6	0
34	Solid solution between lithium-rich yttrium and europium molybdate as new efficient red-emitting phosphors. Journal of Materials Chemistry C, 2016, 4, 596-602.	2.7	30
35	Effects of Sc and Y substitution on the structure and thermoelectric properties of Yb14MnSb11. Journal of Solid State Chemistry, 2016, 242, 55-61.	1.4	24
36	Manganese Tetraboride, MnB₄: Highâ€Temperature Crystal Structure, pâ€“n Transition, ⁵⁵Mn NMR Spectroscopy, Solid Solutions, and Mechanical Properties. Chemistry - A European Journal, 2015, 21, 8177-8181.	1.7	26

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37	Low-temperature synthesis of freudenbergite-type titanate bronzes from metal halides, crystal growth from molybdate flux, and crystal structure determination of Na1.84Zn0.92Ti7.08O16. Journal of Alloys and Compounds, 2015, 644, 783-787.	2.8	3
38	Effects of doping concentration and co-doping with cerium on the luminescence properties of Gd3Ga5O12:Cr3+ for thermometry applications. Optical Materials, 2015, 47, 338-344.	1.7	12
39	Synthesis, spectroscopic studies, thermal analyses, biological activity of tridentate-coordinated transition-metal complexes [M(L)X2] and crystal structure of [ZnBr2(2,6-bis(tert-butylthiomethyl)pyridine)]. Comptes Rendus Chimie, 2015, 18, 619-625.	0.2	10
40	Metastable Ni₇B₃: A New Paramagnetic Boride from Solution Chemistry, Its Crystal Structure and Magnetic Properties. Inorganic Chemistry, 2015, 54, 10873-10877.	1.9	25
41	Iron-catalyzed hydrogenation of carbon dioxide to hydrocarbons/fuels in condensed phase. , 2015, , .		0
42	Discovery of Î³-MnP₄ and the Polymorphism of Manganese Tetraphosphide. Inorganic Chemistry, 2015, 54, 8761-8768.	1.9	8
43	High-pressure densified solid solutions of alkaline earth hexaborides (Ca/Sr, Ca/Ba, Sr/Ba) and their high-temperature thermoelectric properties. Journal of Solid State Chemistry, 2015, 221, 191-195.	1.4	32
44	Temperature- and moisture-dependency of CsLiB6O10. A new phase, Î²-CsLiB6O10. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, .	0.4	4
45	Anhydrous lithium borate, Li₃B₁₁O₁₈, crystal structure, phase transition and thermal expansion. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, 497-504.	0.4	6
46	Selection of peptides binding to metallic borides by screening M13 phage display libraries. BMC Biotechnology, 2014, 14, 12.	1.7	22
47	Synthesis of Microcrystalline Ce₂O₃ and Formation of Solid Solutions between Cerium and Lanthanum Oxides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1050-1053.	0.6	22
48	Cylinder head temperature determination using high-speed phosphor thermometry in a fired internal combustion engine. Applied Physics B: Lasers and Optics, 2014, 116, 293-303.	1.1	24
49	Surface thermometry in combustion diagnostics by sputtered thin films of thermographic phosphors. Applied Physics B: Lasers and Optics, 2014, 117, 85-93.	1.1	6
50	Peierlsâ€Distorted Monoclinic MnB₄ with a Mnï£¿Mn Bond. Angewandte Chemie - International Edition, 2014, 53, 1684-1688.	7.2	52
51	Size and Crystallinity Dependence of Magnetism in Nanoscale Iron Boride, Î±-FeB. Chemistry of Materials, 2014, 26, 1549-1552.	3.2	33
52	Innovation from Chemistry â€“ Our Expectations of Tomorrowâ€™s Working World. ACS Symposium Series, 2014, , 57-67.	0.5	0
53	Thermoelectric Properties ofp-Type Semiconducting NaB5C with Hexaboride-Type Structure, Compared to LayeredMB2C2(M= La, Ce). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2714-2716.	0.6	5
54	Analyzing Ammonia Bridges â€“ and more about Bonding in Boron-rich Solids. Chimia, 2014, 68, 321.	0.3	0

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55	Thermodynamic study of orthorhombic Tx and tetragonal Tâ€² lanthanum cuprate, La2CuO4. Journal of Solid State Chemistry, 2013, 204, 91-94.	1.4	5
56	Structural changes in metastable Î³-Na2B4O7 between -150 Â°C and 720 Â°C. Zeitschrift Fur Kristallographie - Crystalline Materials, 2013, 228, .	0.4	4
57	Possible Superhardness of CrB₄. Inorganic Chemistry, 2013, 52, 540-542.	1.9	78
58	Chemie auf hÃ¶chstem Niveau. Angewandte Chemie, 2013, 125, 5-5.	1.6	0
59	Chemistry at Its Best. Angewandte Chemie - International Edition, 2013, 52, 5-5.	7.2	0
60	closo-Hydroborates from Liquid Ammonia: Synthesis and Crystal Structures of [Li(NH₃)₄]₂[B₁₂H₁₂]Â·2NH₃, Rb₂[B₁₂H₁₂]Â·8NH₃, Cs₂[B₁₂H₁₂]Â·6NH₃ and Rb₂[B₁₀H₁₀]Â·5NH₃. Inorganic Chemistry, 2013, 52, 4692-4699.	1.9	10
61	Phosphor thermometry: On the synthesis and characterisation of Y3Al5O12:Eu (YAG:Eu) and YAlO3:Eu (YAP:Eu). Materials Chemistry and Physics, 2013, 140, 435-440.	2.0	24
62	Erbium boride composites with high ZT values at 800 K. Materials Research Society Symposia Proceedings, 2013, 1490, 41-44.	0.1	0
63	Oxygen stoichiometry of low-temperature synthesized metastable Tâ€²-La₂CuO₄. Superconductor Science and Technology, 2013, 26, 105026.	1.8	7
64	Large resistivity change and phase transition in the antiferromagnetic semiconductors LiMnAs and LaOMnAs. Physical Review B, 2013, 88, .	1.1	34
65	Neutron Diffraction at Metal Borides, Ru₂B₃ and Os₂B₃. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 2078-2080.	0.6	15
66	Single Crystal Structure of MnB4. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1608-1608.	0.6	10
67	Crystal Growth and Structures of Li3.5REIII1.5(MoO4)4 (REIII: Pr, Nd, Sm-Lu). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1609-1609.	0.6	0
68	Bestimmung der Farbeigenschaften von Freudenbergit-Typ-Verbindungen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1612-1612.	0.6	0
69	Stabilisierung von La2CuO4 in der Tâ€²-Modifikation durch Dotierung. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1613-1613.	0.6	2
70	Seebeck-Koeffizienten von Borcarbid-Metallborid-Kompositen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1613-1613.	0.6	0
71	Hochtemperatur-Untersuchungen der Zintl-Phase CaZnSn. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1637-1637.	0.6	0
72	Liebe FestkÃ¶rperchemikerinnen und FestkÃ¶rperchemiker, liebe Materialforscherinnen und Materialforscher. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1536-1536.	0.6	0

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73	Neutron diffraction and observation of superconductivity for tungsten borides, WB and W2B4. Solid State Sciences, 2012, 14, 1656-1659.	1.5	40
74	Was erwarten Sie von Ihrer GDChâ€PrÃsidentin?. Chemie in Unserer Zeit, 2012, 46, 3-3.	0.1	0
75	Crystal Structure Refinement and Bonding Patterns of CrB₄: A Boron-Rich Boride with a Framework of Tetrahedrally Coordinated B Atoms. Inorganic Chemistry, 2011, 50, 10540-10542.	1.9	49
76	Transitions Between Lanthanum Cuprates: Crystal Structures of Tâ€², Orthorhombic, and K₂NiF₄â€type La₂CuO₄. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1114-1117.	0.6	17
77	Wetâ€Chemical Synthesis of Nanoscale Iron Boride, XAFS Analysis and Crystallisation to Î±â€FeB. ChemPhysChem, 2011, 12, 1756-1760.	1.0	34
78	A survey of phosphors novel for thermography. Journal of Luminescence, 2011, 131, 559-564.	1.5	54
79	Crystal Structures of the Metal Diborides ReB₂, RuB₂, and OsB₂ from Neutron Powder DiffractionÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1783-1786.	0.6	45
80	Co2B als interessanter Katalysator in der Citralhydrierung. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2098-2098.	0.6	3
81	Enhanced two-dimensional behavior of metastable<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi>T</mml:mi><mml:mo>â€²</mml:mo></mml:msup><mml:msub><mml:mrow><m the parent compound of electron-doped cuprate superconductors. Physical Review B, 2010, 82, .	1.1	30
82	Temperature-dependent structural changes and hydration of CsLiB6O10. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s88-s89.	0.3	0
83	Boron: Elementary Challenge for Experimenters and Theoreticians. Angewandte Chemie - International Edition, 2009, 48, 8640-8668.	7.2	517
84	Lithium Intercalation into Î²â€Rhombohedral Boron: LiB_{â¼10} or Li₃₀B₃₀₉?. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 653-659.	0.6	22
85	Vorstandssitzung. Nachrichten Aus Der Chemie, 2009, 57, 461-462.	0.0	1
86	Structural investigations of LnBO3(Ln = Y, La, Nd, Sm, Eu, Gd, Dy, Ho, Er, Yb, Lu) by Rietveld method. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s111-s111.	0.3	0
87	Temperatureâ€dependent Changes of the Crystal Structure of Li₂B₄O₇. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2601-2607.	0.6	22
88	Characterization of nanoâ€nickel and iron borides with EXAFS and ICPâ€OES. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2026-2026.	0.6	0
89	Thermal â€œorder-disorderâ€•behaviour in (Na1-xKx)4B8O14solid solutions investigated by X-ray powder diffraction. Crystal Research and Technology, 2008, 43, 1150-1160.	0.6	2
90	The Î·⁶,Î·¹â€Coordination of Beryllium Atoms in the Graphite Analogue BeB₂C₂. Angewandte Chemie - International Edition, 2008, 47, 2301-2303.	7.2	18

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91	Dependence of Phase Composition and Luminescence of Sr[sub 6]BP[sub 5]O[sub 20] on Eu Concentration. Journal of the Electrochemical Society, 2008, 155, J205.	1.3	4
92	Multi-centre, hydrogen and dihydrogen bonds in lithium closo-hydroborate obtained from liquid ammonia. Dalton Transactions, 2008, , 3956.	1.6	20
93	A new 4câ€“2e bond in B6H7â¯. Chemical Communications, 2007, , 3097-3099.	2.2	29
94	Das System Gd/Co/B: Darstellung und rÃ¶ntgenographische Charakterisierung von GdCo4B, Gd3Co11B4, GdCoB4 und GdCo12B6. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1603-1607.	0.6	8
95	M₂B₅ or M₂B₄? A Reinvestigation of the Mo/B and W/B System. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 2626-2630.	0.6	95
96	Crystalline structure of the TiO2 II high-pressure phase at 293, 223, and 133 K according to single-crystal x-ray diffraction data. Doklady Physics, 2007, 52, 195-199.	0.2	20
97	Structure refinements of iron borides Fe2B and FeB. Zeitschrift Fur Kristallographie - Crystalline Materials, 2006, 221, .	0.4	47
98	Boron, borides, and related compounds: Proceedings of the 15th International Symposium on Boron, Borides, and Related Compounds (ISBB 05). Journal of Solid State Chemistry, 2006, 179, 2746.	1.4	2
99	X-ray powder diffraction studies and thermal behaviour of NaK2B9O15, Na(Na.17K.83)2B9O15, and (Na.80K.20)K2B9O15. Journal of Solid State Chemistry, 2006, 179, 2954-2963.	1.4	13
100	High-Pressure Synthesis of Î±-PbO2 and Its Crystal Structure at 293, 203, and 113 K from Single Crystal Diffraction Data.. ChemInform, 2006, 37, no.	0.1	0
101	High-pressure synthesis of Î±-PbO2 and its crystal structure at 293, 203, and 113 K from single crystal diffraction data. Solid State Sciences, 2005, 7, 1363-1368.	1.5	23
102	Ion-Conducting Sodium Nickel Borate, Na2Ni2B12O21, with an Open Channel Structure.. ChemInform, 2005, 36, no.	0.1	0
103	Synthesis and Crystal Structure of Cesium Hexamminesodium Decahydro-closo-decaborate-Ammonia(1/1), Cs[Na(NH3)6] [B10H10]Ã—NH3.. ChemInform, 2005, 36, no-no.	0.1	0
104	Synthesis and Crystal Structure of Cesium Hexamminesodium Decahydro-closo-decaborate-Ammonia(1/1), Cs[Na(NH3)6][B10H10]ï¿½NH3. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 152-154.	0.6	8
105	Crystal structures of M2[B10H10] (M = Na, K, Rb) via real-space simulated annealing powder techniques. Zeitschrift Fur Kristallographie - Crystalline Materials, 2005, 220, 142-146.	0.4	29
106	Ein ionenleitendes Natriumnickelborat, Na2Ni2B12O21, mit offener Kanalstruktur. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 2550-2553.	0.6	7
107	Room-temperature synthesis of metal borides. Solid State Sciences, 2003, 5, 925-930.	1.5	41
108	Room-Temperature Synthesis of Metal Borides.. ChemInform, 2003, 34, no.	0.1	0

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109	Near-Edge Fine Structures in Electron Energy Loss Spectra: Are CaB2C2 and LaB2C2 Isotypic?. ChemPhysChem, 2002, 3, 896-898.	1.0	16
110	Synthesis, Characterization, and Crystal Structures of [N(CH3)4]2[B12H12] and [N(CH3)4]2[B12H12]â€ŠÂ·â€ŠCH3CN. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 1055-1058.	0.6	15
111	Die Kristallstruktur von Bortriiodid, BI3. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 809-810.	0.6	9
112	Carbon Nanotube Bags: Catalytic Formation, Physical Properties, Two-Dimensional Alignment and Geometric Structuring of Densely Filled Carbon Tubes. Chemistry - A European Journal, 2001, 7, 2888-2895.	1.7	25
113	Chemie und Licht: Eine weihnachtliche Experimentalvorlesung. Chemie in Unserer Zeit, 2001, 35, 390-401.	0.1	1
114	Crystal and electronic structure of BaB6 in comparison with CaB6 and molecular [B6H6]2â˜’. Solid State Sciences, 2001, 3, 321-327.	1.5	45
115	Zur Existenz von Tetramethylammoniumamalgam. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 1892-1896.	0.6	2
116	Darstellung und Struktur von U2Ta6O19, einer neuen Verbindung mit â€žJahnberg-Strukturâ€œ sowie Anmerkungen zu den ersten Oxidchloriden in den Systemen Th/Nb/O/Cl und Th/Zr(Hf)/Nb/O/Cl. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 2299-2306.	0.6	7
117	â€œNaB15â€• A New Structural Description Based on X-ray and Neutron Diffraction, Electron Microscopy, and Solid-State NMR Spectroscopy. Chemistry - A European Journal, 2000, 6, 2531-2536.	1.7	34
118	The Structure Chemistry of Boron-Rich Solids of the Alkali Metals. European Journal of Inorganic Chemistry, 2000, 2000, 1679-1685.	1.0	32
119	A synchrotron X-ray powder diffraction study of highly crystalline low-silica zeolite P during Naâ€“Ca ion exchange. Microporous and Mesoporous Materials, 2000, 34, 207-211.	2.2	13
120	Crystal Structure of Bis(triethylammonium)closo-decahydrodecaborate, [(C2H5)3NH]2[B10H10]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 499-503.	0.3	9
121	The Structure Chemistry of Boron-Rich Solids of the Alkali Metals. European Journal of Inorganic Chemistry, 2000, 2000, 1679-1685.	1.0	1
122	Synthesis, Characterization, and Crystal Structure of Na3B20, determined and refined from X-ray and Neutron Powder Data. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1999, 625, 709-713.	0.6	33
123	New Boron-Rich Materials:â€‰ Cubic Carbaborides of Sodium and Potassium. Chemistry of Materials, 1999, 11, 3406-3409.	3.2	28
124	CaB2C2:Â Reinvestigation of a Semiconducting Boride Carbide with a Layered Structure and an Interesting Boron/Carbon Ordering Schemeâ€. Inorganic Chemistry, 1999, 38, 6159-6163.	1.9	57
125	A New â€œOldâ€•Sodium Boride: Linked Pentagonal Bipyramids and Octahedra in Na3B20. Angewandte Chemie - International Edition, 1998, 37, 1117-1118.	7.2	19
126	Investigations on P zeolites: synthesis and structure of the gismondine analogue, highly crystalline low-silica CaP. Microporous and Mesoporous Materials, 1998, 21, 127-132.	2.2	24

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127	Investigations on P zeolites: synthesis, characterisation, and structure of highly crystalline low-silica NaP. Microporous and Mesoporous Materials, 1998, 21, 133-142.	2.2	91
128	NaB5C: carbon insertion into a three-dimensional framework of boron octahedra leads to electron-precise cubic carbaborides. Chemical Communications, 1998, , 2373-2374.	2.2	19
129	Synthese, schwingungsspektroskopische Charakterisierung und Einkristallrï¿½ntgenstrukturanalyse von Tetramethylammoniumcyanat [N(CH3)4]OCN. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1995, 621, 464-468.	0.6	6
130	Zur solvensfreien Darstellung von Tetramethylammoniumsalzen: Synthese und Charakterisierung von [N(CH3)4]2[C2O4], [N(CH3)4][CO3(CH3)], [N(CH3)4][NO2], [N(CH3)4][CO2H] und [N(CH3)4][O2C(CH2)2CO2(CH3)]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1995, 621, 1735-1740.	0.6	9
131	Why does tetramethylammonium oxalate exhibit sublimation?. Journal of the Chemical Society Chemical Communications, 1993, , 965.	2.0	3
132	Floridcarbonate der Alkalimetalle. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1992, 607, 13-18.	0.6	4
133	Synthesis of a mixedâ€valent europium(II,ÂIII)â€borate and its optical and magnetic behavior. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	0.6	0